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U.S. PTO

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)

| | |
|---------------------|---|
| Attorney Docket No. | P18566(INTEL32) |
| First Inventor | Bachmeier |
| Title | SYSTEM AND METHOD FOR CLOCK PHASE RECOVERY |

Express Mail Label No. EV320211364US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Commissioner for Patents
P. O. Box 1450
Mail Stop Patent Application
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 21]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration [Total Sheets 5]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d)) (for
a continuation/divisional with Box 17 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named
in the prior application, see 37 C.F.R. 1.63(d)(2) and
1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statement verifying identify of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. 37 C.F.R. § 3.73(b) Statement [X] Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure [] Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☒ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:


☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:/.....
Prior application information: Examiner: Group / Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number: 6980 OR ☐ Correspondence address below

| | | | | | |
|---------|--|-----------|----------------|----------|--------------|
| Name | Troutman Sanders LLP | | | | |
| Address | Bank of America Plaza, Suite 5200 600 Peachtree Street N.E. | | | | |
| City | Atlanta | State | Georgia | Zip Code | 30308-2216 |
| Country | US | Telephone | (404) 885-3498 | Fax | 404-962-6676 |

| | | | |
|-------------------|---|-----------------------------------|----------------|
| Name (Print/Type) | James E. Schutz | Registration No. (Attorney/Agent) | 48,658 |
| Signature |  | Date | April 22, 2004 |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 36 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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FEE TRANSMITTAL
for FY 2004

Effective 01/01/03, patent fees are subject to annual revision

☐ Applicant claims small entity status. See 37 CFR 1.27

| | |
|--------------------------------|-------------------|
| TOTAL AMOUNT OF PAYMENT | (\$)990.00 |
|--------------------------------|-------------------|

Complete if Known

| | |
|----------------------|-----------------|
| Application Number | |
| Filing Date | April 22, 2004 |
| First Named Inventor | Bachmeier |
| Examiner Name | |
| Art Unit | |
| Attorney Docket No. | P18566(INTEL32) |

METHOD OF PAYMENT *(check all that apply)*☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:

Deposit
Account
Number

20-1507

Deposit
Account
Name

TROUTMAN SANDERS LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, **except for the filing fee** to the
above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| 1. BASIC FILING FEE | | | | | |
|---------------------|---------------|--------------|---------------|------------------------|----------|
| Large Fee | Entity Fee | Small Fee | Entity Fee | Fee Description | Fee Paid |
| Code | (\$) | Code | (\$) | | |
| 1001 | 770 | 2001 | 385 | Utility filing fee | 770 |
| 1002 | 340 | 2002 | 170 | Design filing fee | |
| 1003 | 530 | 2003 | 265 | Plant filing fee | |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |

| | | |
|---------------------|-------------|------------|
| SUBTOTAL (1) | (\$) | 770 |
|---------------------|-------------|------------|

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Extra Claims | Fee from below | Fee Paid |
|--------------|----------------|----------|
| 1 | 100 | 100 |
| 2 | 100 | 200 |
| 3 | 100 | 300 |
| 4 | 100 | 400 |
| 5 | 100 | 500 |
| 6 | 100 | 600 |
| 7 | 100 | 700 |
| 8 | 100 | 800 |
| 9 | 100 | 900 |
| 10 | 100 | 1000 |
| 11 | 100 | 1100 |
| 12 | 100 | 1200 |
| 13 | 100 | 1300 |
| 14 | 100 | 1400 |
| 15 | 100 | 1500 |
| 16 | 100 | 1600 |
| 17 | 100 | 1700 |
| 18 | 100 | 1800 |
| 19 | 100 | 1900 |
| 20 | 100 | 2000 |
| 21 | 100 | 2100 |
| 22 | 100 | 2200 |
| 23 | 100 | 2300 |
| 24 | 100 | 2400 |
| 25 | 100 | 2500 |
| 26 | 100 | 2600 |
| 27 | 100 | 2700 |
| 28 | 100 | 2800 |
| 29 | 100 | 2900 |
| 30 | 100 | 3000 |
| 31 | 100 | 3100 |
| 32 | 100 | 3200 |
| 33 | 100 | 3300 |
| 34 | 100 | 3400 |
| 35 | 100 | 3500 |
| 36 | 100 | 3600 |
| 37 | 100 | 3700 |
| 38 | 100 | 3800 |
| 39 | 100 | 3900 |
| 40 | 100 | 4000 |
| 41 | 100 | 4100 |
| 42 | 100 | 4200 |
| 43 | 100 | 4300 |
| 44 | 100 | 4400 |
| 45 | 100 | 4500 |
| 46 | 100 | 4600 |
| 47 | 100 | 4700 |
| 48 | 100 | 4800 |
| 49 | 100 | 4900 |
| 50 | 100 | 5000 |
| 51 | 100 | 5100 |
| 52 | 100 | 5200 |
| 53 | 100 | 5300 |
| 54 | 100 | 5400 |
| 55 | 100 | 5500 |
| 56 | 100 | 5600 |
| 57 | 100 | 5700 |
| 58 | 100 | 5800 |
| 59 | 100 | 5900 |
| 60 | 100 | 6000 |
| 61 | 100 | 6100 |
| 62 | 100 | 6200 |
| 63 | 100 | 6300 |
| 64 | 100 | 6400 |
| 65 | 100 | 6500 |
| 66 | 100 | 6600 |
| 67 | 100 | 6700 |
| 68 | 100 | 6800 |
| 69 | 100 | 6900 |
| 70 | 100 | 7000 |
| 71 | 100 | 7100 |
| 72 | 100 | 7200 |
| 73 | 100 | 7300 |
| 74 | 100 | 7400 |
| 75 | 100 | 7500 |
| 76 | 100 | 7600 |
| 77 | 100 | 7700 |
| 78 | 100 | 7800 |
| 79 | 100 | 7900 |
| 80 | 100 | 8000 |
| 81 | 100 | 8100 |
| 82 | 100 | 8200 |
| 83 | 100 | 8300 |
| 84 | 100 | 8400 |
| 85 | 100 | 8500 |
| 86 | 100 | 8600 |
| 87 | 100 | 8700 |
| 88 | 100 | 8800 |
| 89 | 100 | 8900 |
| 90 | 100 | 9000 |
| 91 | 100 | 9100 |
| 92 | 100 | 9200 |
| 93 | 100 | 9300 |
| 94 | 100 | 9400 |
| 95 | 100 | 9500 |
| 96 | 100 | 9600 |
| 97 | 100 | 9700 |
| 98 | 100 | 9800 |
| 99 | 100 | 9900 |
| 100 | 100 | 10000 |

| | | | | | | | |
|--------------------|----|----------|----|---|----|---|-----|
| Total Claims | 30 | - 20** = | 10 | X | 18 | = | 180 |
| Independent Claims | | - 3** = | | X | | = | |
| Multiple Dependent | | | | | | = | |

| Large Entity | Small Entity | |
|--------------|--------------|---------------|
| Fee Code | Fee (\$) | Fee Code (\$) |
| 1202 | 18 | 2202 9 |
| 1201 | 86 | 2201 43 |
| 1203 | 290 | 2203 145 |
| 1204 | 86 | 2204 43 |
| 1205 | 18 | 2205 9 |

Fee Description

| |
|--|
| Claims in excess of 20 |
| Independent claims in excess of 3 |
| Multiple dependent claim, if not paid |
| ** Reissue independent claims over original patent |
| ** Reissue claims in excess of 20 and over original patent |

| | | |
|---------------------|------|-----|
| SUBTOTAL (2) | (\$) | 180 |
|---------------------|------|-----|

****or number previously paid, if greater; For Reissues, see above**

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet. | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR after Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | |
| 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | |
| 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | |
| 1502 | 480 | 2502 | 240 | Design issue fee | |
| 1503 | 640 | 2503 | 320 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | 40 |
| 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

* Reduced by Basic Filing Fee Paid

| | | |
|---------------------|-------------|-----------|
| SUBTOTAL (3) | (\$) | 40 |
|---------------------|-------------|-----------|

SUBMITTED BY

| | |
|-------------------|-----------------|
| Name (Print/Type) | James E. Schutz |
|-------------------|-----------------|

Signature

Don E. Schum

Complete (if applicable)

| | | | |
|---------------------------------------|--------|-----------|--------------|
| Registration. No. (Attorney/Agent) | 48,658 | Telephone | 404-885-3498 |
|---------------------------------------|--------|-----------|--------------|

| | |
|------|----------------|
| Date | April 22, 2004 |
|------|----------------|

WARNING: Information of this may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

| | | |
|--|----------------------|---|
| REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i) | First Named Inventor | Bachmeier |
| | Title | SYSTEM AND METHOD FOR CLOCK PHASE RECOVERY |
| | Atty Docket Number | P18566(INTEL32) |

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

April 22, 2004

Date


Signature

James E. Schutz

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, he applicant **must** notify the United States Patent and Trademark Office for such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.